



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 5428602 -

Site Information:

Customer Info: KBT CONTRACTING Project Name: 5428602 Model: .
Lot/Block: FWC STORAGE FACILIT Subdivision: .
Address: 3377 E HWY 90, .
City: LAKE CITY State: FL

MiTek, Inc.

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:



General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Specific Loading Conditions):

Design Code: FBC2023/TPI2014 Design Program: MiTek 20/20 25.4
Wind Code: ASCE 7-22 Wind Speed: 120 mph
Roof Load: 35.0 psf Floor Load: N/A psf

This package includes 3 individual, Truss Design Drawings and 0 Additional Drawings.

With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T41710991	T01	6/30/26
2	T41710992	T02	6/30/26
3	T41710993	T03	6/30/26

This item has been digitally signed and sealed by Lee, Julius, PE on the date adjacent to the seal.

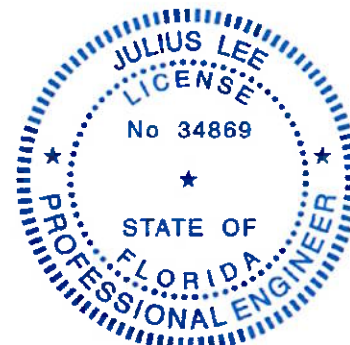
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

The truss drawing(s) referenced above have been prepared by
MiTek USA, Inc. under my direct supervision based on the parameters
provided by Builders FirstSource-Jacksonville.

Truss Design Engineer's Name: Lee, Julius

My license renewal date for the state of Florida is February 28, 2027.

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.



Julius Lee PE No. 34869
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

June 30, 2026

Lee, Julius

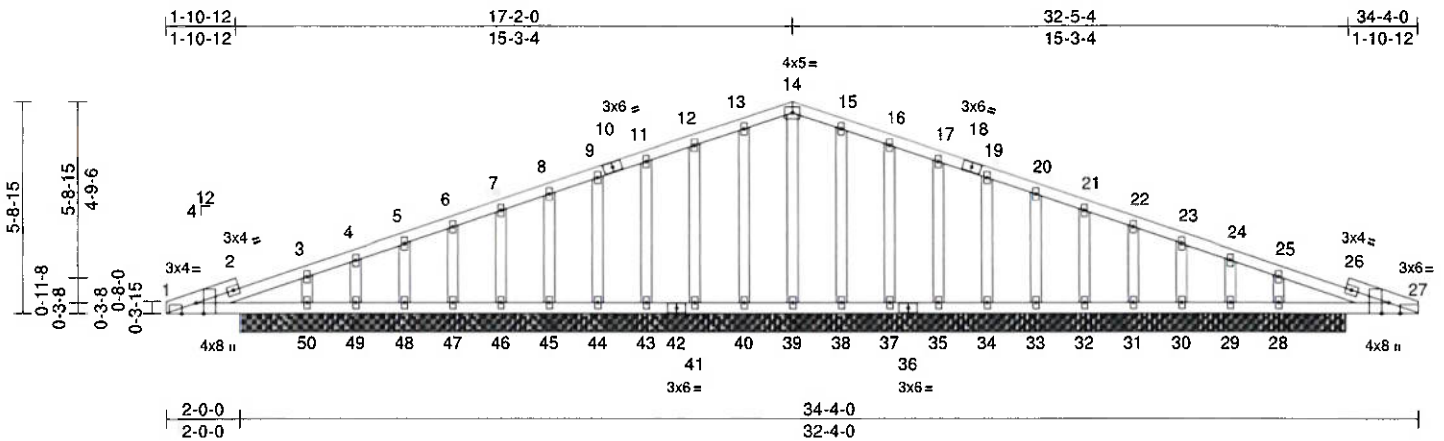
1 of 1

Job 5428602	Truss T01	Truss Type Common Supported Gable	Qty 2	Ply 1	Job Reference (optional) T41710991
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Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244,

Run: 25.40 S Jun 11 2026 Print: 25.40 S Jun 11 2026 MiTek Industries, Inc. Mon Jun 29 12:04:54
ID:Ndt2PtenYW31RxfBzI0HgZ1QzI-RIC?PsB70Hq3NSgPqnL8w3uITXbGKWCDol7J4zJC?I

Page: 1



Scale = 1/60 3

Plate Offsets (X, Y): [1:0-3-8,Edge], [1:0-4-12,Edge], [27:0-3-8,Edge], [27:0-3-12,Edge]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	n/a	-	n/a	999	MT20
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(TL)	n/a	-	n/a	999	244/190
BCLL	0.0*	Rep Stress Incr	NO	WB	0.15	Horiz(TL)	-0.01	28	n/a	n/a	
BCDL	8.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 198 lb FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS

(size) 28=30-4-0, 29=30-4-0, 30=30-4-0,
31=30-4-0, 32=30-4-0, 33=30-4-0,
34=30-4-0, 35=30-4-0, 37=30-4-0,
38=30-4-0, 39=30-4-0, 40=30-4-0,
41=30-4-0, 43=30-4-0, 44=30-4-0,
45=30-4-0, 46=30-4-0, 47=30-4-0,
48=30-4-0, 49=30-4-0, 50=30-4-0
Max Horiz 50=97 (LC 13)
Max Uplift 28=145 (LC 13), 29=217 (LC 26),
30=60 (LC 13), 31=38 (LC 9),
32=43 (LC 13), 33=42 (LC 9),
34=42 (LC 13), 35=42 (LC 9),
37=44 (LC 13), 38=41 (LC 9),
40=41 (LC 12), 41=44 (LC 12),
43=42 (LC 8), 44=42 (LC 8),
45=42 (LC 12), 46=43 (LC 8),
47=39 (LC 12), 48=57 (LC 8),
49=217 (LC 25), 50=135 (LC 8)
Max Grav 28=485 (LC 26), 29=66 (LC 25),
30=169 (LC 26), 31=82 (LC 1),
32=97 (LC 26), 33=93 (LC 1),
34=94 (LC 26), 35=94 (LC 1),
37=88 (LC 26), 38=116 (LC 1),
39=283 (LC 1), 40=116 (LC 1),
41=88 (LC 25), 43=94 (LC 1),
44=94 (LC 25), 45=93 (LC 1),
46=97 (LC 25), 47=82 (LC 1),
48=169 (LC 25), 49=66 (LC 26),
50=485 (LC 25)

FORCES

(lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-3=-267/379, 3-4=-209/340, 4-5=-197/368,
5-6=-162/362, 6-7=-132/363, 7-8=-101/363,
8-9=-71/363, 9-11=-40/363, 11-12=-9/363,
12-13=0/365, 13-14=0/356, 14-15=0/356,
15-16=0/365, 16-17=-9/363, 17-19=-40/363,
19-20=-71/363, 20-21=-101/363,
21-22=-132/363, 22-23=-162/362,
23-24=-197/368, 24-25=-209/340,
25-27=-267/379
BOT CHORD 1-50=-334/290, 49-50=-334/290,
48-49=-334/290, 47-48=-334/290,
46-47=-334/290, 45-46=-334/290,
44-45=-334/290, 43-44=-334/290,
41-43=-334/290, 40-41=-334/290,
39-40=-334/290, 38-39=-334/290,
37-38=-334/290, 35-37=-334/290,
34-35=-334/290, 33-34=-334/290,
32-33=-334/290, 31-32=-334/290,
30-31=-334/290, 29-30=-334/290,
28-29=-334/290, 27-28=-334/290
WEBS 14-39=-262/40, 13-40=-95/86, 12-41=-67/87,
11-43=-73/86, 9-44=-72/86, 8-45=-72/86,
7-46=-73/87, 6-47=-69/84, 5-48=-102/99,
4-49=-33/70, 3-50=-256/182, 15-38=-95/86,
16-37=-67/87, 17-35=-73/86, 19-34=-72/86,
20-33=-72/86, 21-32=-73/87, 22-31=-69/84,
23-30=-102/99, 24-29=-33/70,
25-28=-256/182

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Designed to ASCE 7-22 basic load combinations for allowable stress design unless otherwise noted.

- 3) Wind: ASCE 7-22; Vult=120mph (3-second gust) Vasd=93mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior (2) zone and C-C Zone3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 4) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 6) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 7) Gable studs spaced at 1-4-0 oc.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.

This item has been digitally signed and sealed by Lee, Julius, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Julius Lee PE No.34569
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

June 30,2026

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI 1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinstitute.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

MiTek

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
5428602	T01	Common Supported Gable	2	1	T41710991

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244,

Run: 25.40 S Jun 11 2026 Print: 25.4.0 S Jun 11 2026 MiTek Industries, Inc. Mon Jun 29 12:04:54
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Page: 2

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 40, 44 lb uplift at joint 41, 42 lb uplift at joint 43, 42 lb uplift at joint 44, 42 lb uplift at joint 45, 43 lb uplift at joint 46, 39 lb uplift at joint 47, 57 lb uplift at joint 48, 217 lb uplift at joint 49, 135 lb uplift at joint 50, 41 lb uplift at joint 38, 44 lb uplift at joint 37, 42 lb uplift at joint 35, 42 lb uplift at joint 34, 42 lb uplift at joint 33, 43 lb uplift at joint 32, 38 lb uplift at joint 31, 60 lb uplift at joint 30, 217 lb uplift at joint 29 and 145 lb uplift at joint 28.

LOAD CASE(S) Standard

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

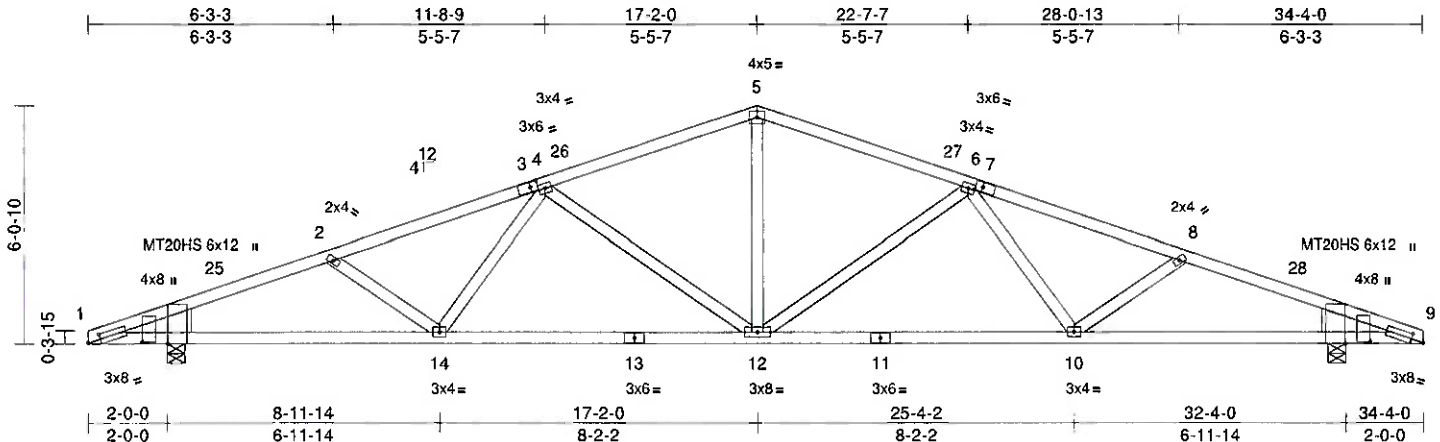
Job 5428602	Truss T02	Truss Type Common	Qty 48	Ply 1	Job Reference (optional) T41710992
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Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244,

Run: 25.40 S Jun 11 2026 Print: 25.40 S Jun 11 2026 MiTek Industries, Inc. Mon Jun 29 12:04:55

Page: 1

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Scale = 1:56.5

Plate Offsets (X, Y): [1:0-3-14,0-1-8], [1:0-0-4,1-4-7], [1:0-0-4,Edge], [3:0-2-3,0-1-8], [7:0-2-3,0-1-8], [9:0-3-14,0-1-8], [9:0-0-4,1-4-7], [9:0-0-4,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.98	Vert(LL)	-0.24	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.91	Vert(CT)	-0.46	10-12	>905	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.07	9	n/a	n/a		
BCDL	8.0	Code	FBC2023/TPI2014	Matrix-MS								
											Weight: 167 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2 *Except* 1-3,7-9:2x4 SP No.1
BOT CHORD 2x4 SP No.1 *Except* 13-11:2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE Left: 2x8 SP 2400F 2.0E
Right: 2x8 SP 2400F 2.0E

BRACING

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-9-6 oc bracing.

REACTIONS

(size) 1=0-5-8, 9=0-5-8
Max Horiz 1=103 (LC 12)
Max Uplift 1=-409 (LC 8), 9=-409 (LC 9)
Max Grav 1=1202 (LC 1), 9=1202 (LC 1)

FORCES

(lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1904/655, 2-4=-1875/622,
4-5=-1543/564, 5-6=-1543/564,
6-8=-1875/623, 8-9=-1904/656

BOT CHORD 1-14=-610/1706, 12-14=-564/1773,
10-12=-525/1773, 9-10=-535/1706

WEBS 4-14=-18/143, 2-14=0/157, 4-12=-488/275,
5-12=-199/704, 6-12=-488/276, 6-10=-18/143,
8-10=0/157

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Designed to ASCE 7-22 basic load combinations for allowable stress design unless otherwise noted.
- 3) Wind: ASCE 7-22; Vult=120mph (3-second gust)
Vasd=93mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior (2) zone and C-C Zone3 0-0-0 to 3-5-3, Zone1 3-5-3 to 17-2-0, Zone2 17-2-0 to 22-0-4, Zone1 22-0-4 to 34-4-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

- 4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 5) All plates are MT20 plates unless otherwise indicated.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 409 lb uplift at joint 1 and 409 lb uplift at joint 9.

LOAD CASE(S) Standard

This item has been digitally signed and sealed by Lee, Julius, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Julius Lee PE No.34859
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

June 30,2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 12/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinstitute.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)

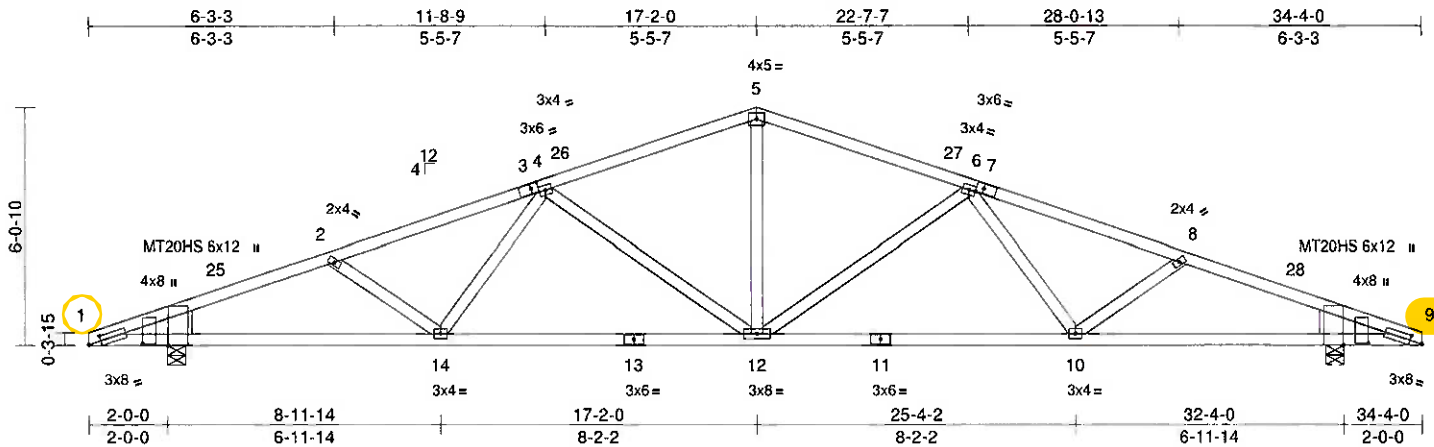
MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job 5428602	Truss T03	Truss Type Common	Qty 24	Ply 1	Job Reference (optional) T41710993
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Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244,

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Page: 1



Scale = 1:56.5

Plate Offsets (X, Y): [1:0-3-14,0-1-8], [1:0-0-4,1-4-7], [1:0-0-4,Edge], [3:0-2-3,0-1-8], [7:0-2-3,0-1-8], [9:0-3-14,0-1-8], [9:0-0-4,1-4-7], [9:0-0-4,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.98	Vert(LL)	0.38	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.91	Vert(CT)	-0.46	10-12	>905	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.07	9	n/a	n/a		
BCDL	8.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 167 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2 *Except* 1-3,7-9:2x4 SP No.1
BOT CHORD 2x4 SP No.1 *Except* 13-11:2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE Left: 2x8 SP 2400F 2.0E
Right: 2x8 SP 2400F 2.0E

BRACING

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 5-5-7 oc bracing.

REACTIONS

(size) 1=0-5-8, 9=0-5-8
Max Horiz 1=103 (LC 12)
Max Uplift 1=-749 (LC 8), 9=-749 (LC 9)
Max Grav 1=1202 (LC 1), 9=1202 (LC 1)

FORCES

(lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1904/1219, 2-4=-1875/1281,
4-5=-1543/1088, 5-6=-1543/1088,
6-8=-1875/1281, 8-9=-1904/1219
BOT CHORD 1-14=-1072/1706, 12-14=-1093/1773,
10-12=-1105/1773, 9-10=-1060/1706
WEBS 4-14=-80/143, 2-14=-80/157, 4-12=-488/356,
5-12=-531/704, 6-12=-488/356, 6-10=-80/143,
8-10=-80/157

NOTES

- Unbalanced roof live loads have been considered for this design.
- Designed to ASCE 7-22 basic load combinations for allowable stress design unless otherwise noted.
- Wind: ASCE 7-22; Vult=120mph (3-second gust) Vasd=93mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior (2) zone and C-C Zone3 0-0-0 to 3-5-3, Zone1 3-5-3 to 17-2-0, Zone2 17-2-0 to 22-0-4, Zone1 22-0-4 to 34-4-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-06'-00 tall by 2'-00'-00 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 749 lb uplift at joint 1 and 749 lb uplift at joint 9.

LOAD CASE(S) Standard

This item has been digitally signed and sealed by Lee, Julius, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Julius Lee PE No.34869
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingle Ridge Rd. Chesterfield, MO 63017
Date:

June 30,2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

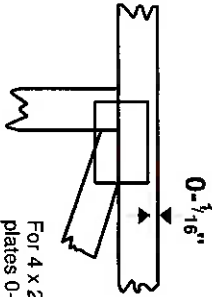
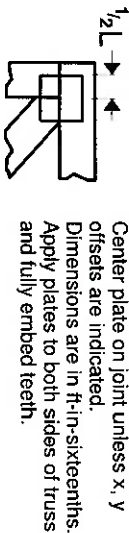
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinet.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

MiTek®

16023 Swingle Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Symbols

PLATE LOCATION AND ORIENTATION



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ \"/>

— This symbol indicates the required direction of slots in connector plates.

* Plate location details available in MiTek software or upon request.

PLATE SIZE

4 X 4

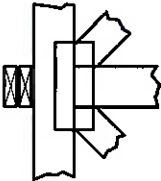
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or L bracing if indicated.

BEARING



Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TP1: National Design Specification for Metal

Plate Connected Wood Truss Construction.

DSB-22: Design Standard for Bracing.

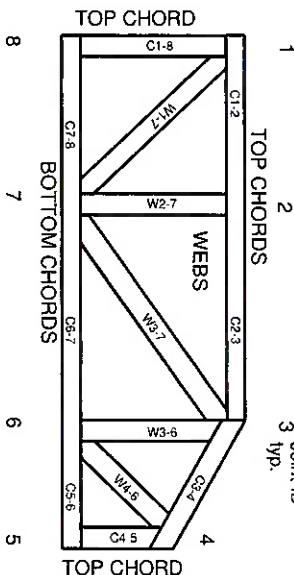
BCSI: Building Component Safety Information,

Guide to Good Practice for Handling,

Installing, Restraining & Bracing of Metal

Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

Product Code Approvals

ICC-ES Reports:

ESR-1988, ESR-2362, ESR-2685, ESR-3282

ESR-4722, ESL-1388

Design General Notes

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TP1 section 6.3 These truss designs rely on lumber values established by others.

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General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative for l bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TP1 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TP1 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.

MiTek®

MiTek Engineering Reference Sheet: MI-7473 rev. 1/2/2023

WARNING:
Substantially Accepted
Regardless of fault without prior
indication by customer, herein as
Builder's Evidence
NO EXCEPTIONS

IMPORTANT
This Drawing Must Be Approved And
Reviewed Before Production With
Approval of Customer, Truss Designer,
Truss Manufacturer, And Conditions Prior To
INSTALLATION. APPROVAL OF THIS ALL
NOTES AND DIMENSIONS HAVE
BEEN ACCEPTED

By _____ Date _____

FINAL LAYOUT FOR PRODUCTION
REVISED: _____ DATE: _____
Requested Delivery Date: _____

OWNER INFORMATION
NAME: KBT CONTRACTING
ADDRESS: 1100 N. 11TH AVE
CITY: MINNEAPOLIS, MN 55405
PHONE: 612.442.1100
FAX: 612.442.1101
E-MAIL: KBT@KBTCONTRACTING.COM
PROJECT: 1100 N. 11TH AVE. 1100 N. 11TH AVE. 1100 N. 11TH AVE.
PROJECT NO: 1100 N. 11TH AVE. 1100 N. 11TH AVE. 1100 N. 11TH AVE.
DATE: 11/11/2011
DRAWN BY: KBT
CHECKED BY: KBT
APPROVED BY: KBT

TRUSS TO TRUSS CONNECTIONS NAILED UNO
24" OC SPACING UNO

TRUSS TO TRUSS CONNECTIONS NAILED UNO

KBT CONTRACTING
MODEL: FWC STORAGE
FACILITY
ELEV: 3377 HWY 90
ADDRESS: 3377 HWY 90
LOT / BLOCK: N/A
SUBDIVISION: FACILITY
CITY: Lake City
DRAWN BY: KBT
JOB #: 542802
DATE: 6/25/2011 SCALE: N.T.S.

REVISIONS
1. 11/11/2011
2. 11/11/2011
3. 11/11/2011
4. 11/11/2011
5. 11/11/2011
6. 11/11/2011
7. 11/11/2011
8. 11/11/2011
9. 11/11/2011
10. 11/11/2011

Summations of limited excerpts of the Code, ANSI/TPI 1-2014, and BCSJ, and associated commentary, are provided within the truss submittal package in the Builders FirstSource Component Truss Responsibility and Liability Disclosure. These critical excerpts include, among other elements, critical safety information as well as specific Scope-of-Work assignments (and limitations of the same) for the Owner, Contractor, Building Designer, Truss Designer, and Truss Manufacturer. It is essential that ALL parties to the design and use of the Trusses review and become familiar with the information provided in the Builders FirstSource Component Truss Responsibility and Liability Disclosure, as well as the referenced sources, prior to performing work on the associated project.